
CT4100

Information Retrieval

Contents

1	Introduction	1
1.1	Lecturer Contact Details	1
1.2	Motivations	1
1.3	Related Fields	1
1.4	Recommended Texts	1
1.5	Grading	1
1.6	Introduction to Information Retrieval	1

1 Introduction

1.1 Lecturer Contact Details

- Colm O’Riordan.
- `colm.oriordan@universityofgalway.ie`.

1.2 Motivations

- To study/analyse techniques to deal suitably with the large amounts (& types) of information.
- Emphasis on research & practice in Information Retrieval.

1.3 Related Fields

- Artificial Intelligence.
- Database & Information Systems.
- Algorithms.
- Human-Computer Interaction.

1.4 Recommended Texts

- *Modern Information Retrieval* – Riberio-Neto & Baeza-Yates (several copies in library).
- *Information Retrieval* – Grossman.
- *Introduction to Information Retrieval* – Christopher Manning.
- Extra resources such as research papers will be recommended as extra reading.

1.5 Grading

- Exam: 70%.
- Assignment 1: 30%.
- Assignment 2: 30%.

There will be exercise sheets posted for most lecturers; these are not mandatory and are intended as a study aid.

1.6 Introduction to Information Retrieval

Information Retrieval (IR) deals with identifying relevant information based on users’ information needs, e.g. web search engines, digital libraries, & recommender systems. It is finding material (usually documents) of an unstructured nature that satisfies an information need within large collections (usually stored on computers).